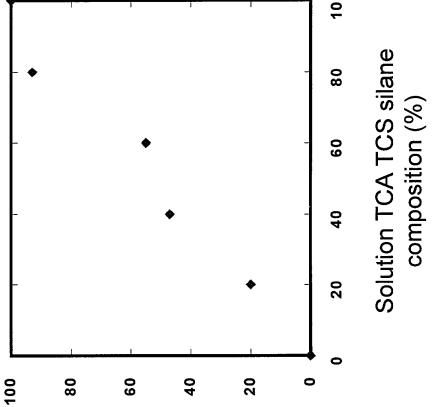
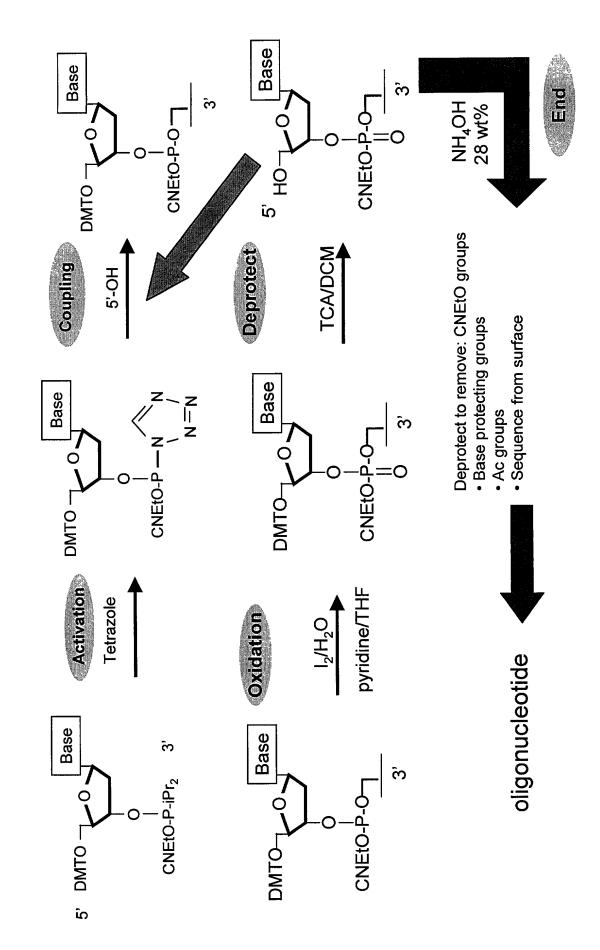
80 9 20 40 0 composition (%) Surface TCA TCS silane





* CNEtO=cyanoethanol, iPr=isopropyl, DMT=dimethyl trityl, Ac=acetyl, TCA=trichloroacetic acid, DCM=CH2Cl2

Figura

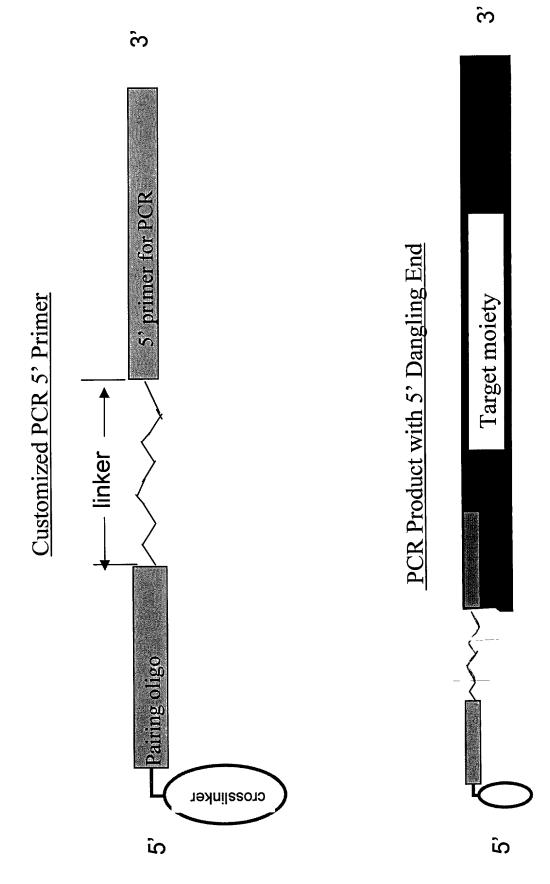
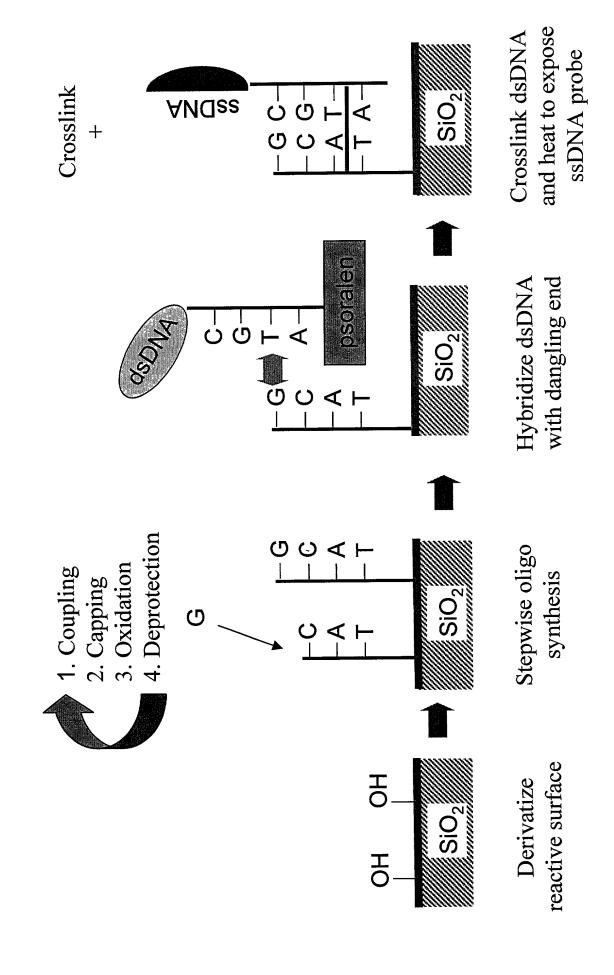


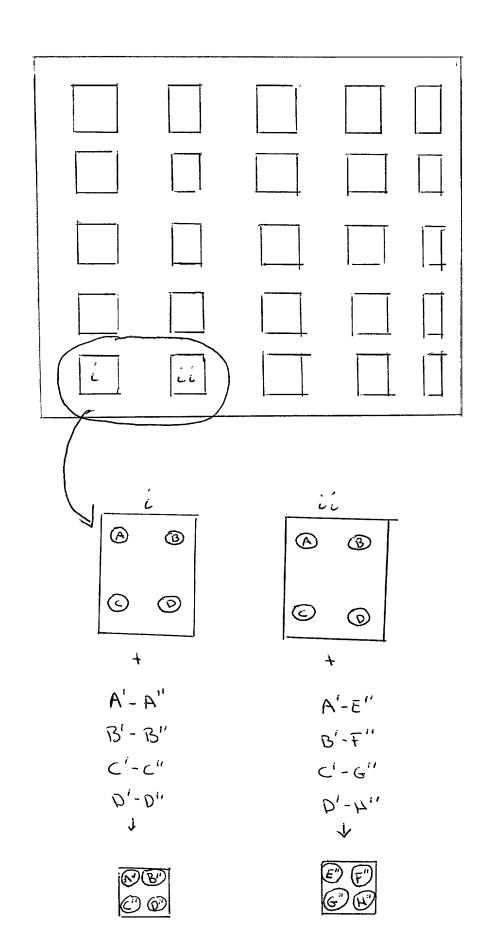
Figure 3



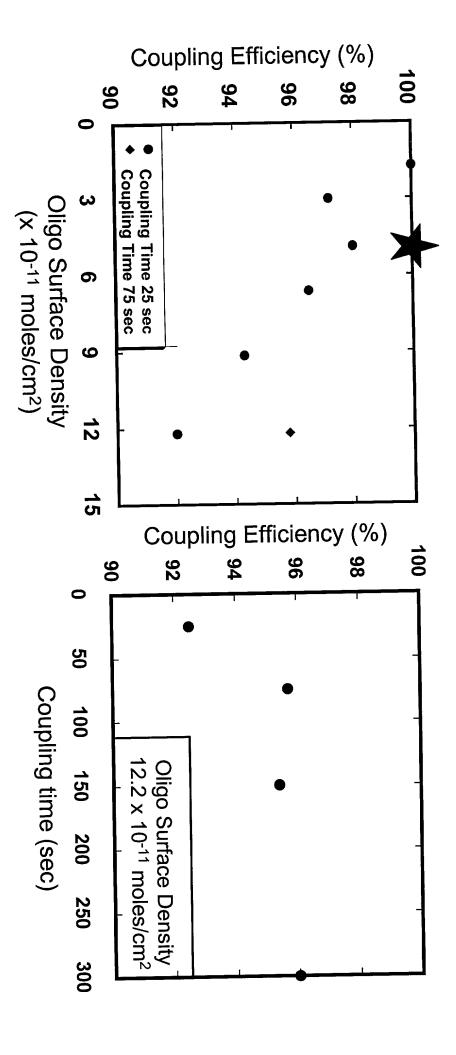
1 gare L

А

B

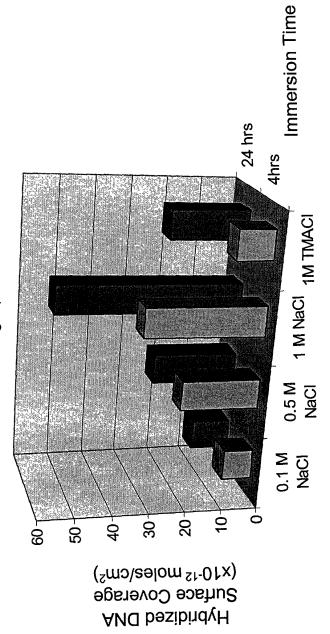


Figur 5

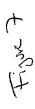




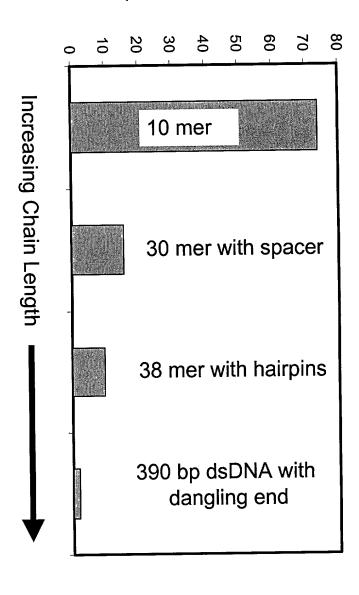
* Oligo solution concentration = $0.5 \, \mu M$ Hybridization temperature = 4°C OH silane oligo (40%)



Salt Species and Concentration

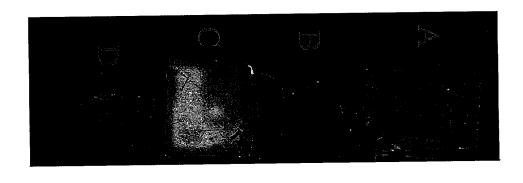


Hybridization Yield (x 10⁻¹³moles/cm²)



The 2

Decreasing surface oligo density



Flagre 10